

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42	(migrat\$4) same (agent or module\$ or daemon) same (node) same (network) same (monitor\$3 or track \$3 or collect\$3 or capture\$3 collat\$3 or gather\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 17:14
L2	28	(migrat\$4) same (agent or module\$ or daemon) same (node) same (network) same (monitor\$3 or track \$3 or collect\$3 or capture\$3 collat\$3 or gather\$3) and (recover\$4 or correct\$3 or heal \$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 17:22
L3	163037	(network or WAN or LAN or node) near5 (manag\$4 or monitor\$4 or analy \$4 or recover\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L4	63551	(network or WAN or LAN or node) near5 (manag\$4 or monitor\$4 or analy \$4 or recover\$3) near5 (module or device or system)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L5	59837	(manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L6	3213	(manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point)) near5 (monitor\$4 or check or analyz\$3 or status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L7	36	(manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point)) near5 ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L8	36	((manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))) near5 ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L9	181	((manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))) same ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L10	19	((manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))) same ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat))) same (restor \$3 or up or reinstat \$3 or reestablish\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L11	6112	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L12	703	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (failure or downtime or (out adj of adj service))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L13	7	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same ((failure or downtime or (out adj of adj service)) near10 (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L14	1	"6,072,857".pn.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L15	2	"0049845"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L16	0	"0049845A1"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L17	6915469	maintaining membership in high availability systems . ti.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L18	0	"maintaining membership in high availability systems" .ti.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L19	319	sreenivasan.in.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L20	73	sreenivasan.in. and maintaining	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L21	1	"recovery modula"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L22	1632	"recovery module"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L23	150	"recovery module" same rout\$4	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L24	5	"recovery module" same rout\$4 same node	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L25	125	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L26	18	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (failed or down\$2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L27	13	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (migrate\$3 or switch\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L28	8	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (migrate\$3 or transfer\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L29	195	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (failed or down\$2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L30	4768	(manag\$4 or controll\$4 or administer\$4) near4 (monitor\$3) near3 (status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L31	4693	(monitor\$3) near3 (status) near2 (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L32	420	(monitor\$3) near3 (status) near2 (node or device) same (fail\$2 or down)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L33	3	(monitor\$3) near3 (status) near2 (node or device) same (fail\$2 or down) near5 (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L34	25	(monitor\$3) near3 (status) near2 (node or device) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L35	48	(monitor\$3) near3 (status) near9 (node or device) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L36	98	(monitor\$3 or track \$3) near9 (status) near9 (node or device) same (fail \$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L37	140	(monitor\$3 or track \$3) near9 (status) near9 (node or device or network) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L38	16	709/223.ccls. and (monitor\$3 or track \$3) near9 (status) near9 (node or device or network) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L39	51	709/223.ccls. and (network or WAN or LAN) same (manag\$6) same (status) same (recover\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L40	818	(device or system or switch or router) near5 (recover\$3) near (module\$1 or agent\$1)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L41	1817	(device or system or switch or router) near5 (recover\$3) near5 (module\$1 or agent\$1)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L42	19	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (migrat \$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L43	126	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (failed or down\$2)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L44	99	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (failed or down\$2) and single	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L45	115	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (failed or down\$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L46	16	"note to node" near5 (recover\$3) near5 (module\$1 or agent\$1) same (failed or down\$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L47	16	"note to node" near5 (recover\$3 or failover) near5 (module\$1 or agent \$1) same (failed or down\$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L48	21717	(manag\$6) same (nodes) near5 (network or WAN or LAN)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L49	77	(manag\$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob\$3) same (recover\$3 or restor\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L50	58	("5751964").URPN.	USPAT	OR	ON	2009/07/27 18:17
L51	8	L50 and (restor\$3 or rollback)	USPAT	OR	ON	2009/07/27 18:17
L52	0	(agent or probe) near5 (migrat\$3 or transfer\$4) same ("node to node")	USPAT	OR	ON	2009/07/27 18:17
L53	116	(agent or probe) near5 (migrat\$3 or transfer\$4) near2 (node)	USPAT	OR	ON	2009/07/27 18:17
L54	19	(agent or probe) near5 (migrat\$3) near2 (node)	USPAT	OR	ON	2009/07/27 18:17
L55	4	(agent or probe) near5 (migrat\$3) near2 (node) with (fail\$2 or fault or error or recover\$3)	USPAT	OR	ON	2009/07/27 18:17
L56	24	("5113398"   "5157667"   "5321813"   "5337360"   "5355313"   "5367635"   "5572528"   "5596712"   "5623628"   "5655081"   "5692119"   "5706422"   "5815652"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17



		"5838918"   "5872931"   "5887171"   "5901286"   "5913037"   "5987135"   "6009456"   "6012152"   "6049819"   "6055562"   "6088727").PN.				
L57	3	L56 and (successive)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17
L58	104831	"54" and statist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17
L59	4	("5113398"   "5157667"   "5321813"   "5337360"   "5355313"   "5367635"   "5572528"   "5596712"   "5623628"   "5655081"   "5692119"   "5706422"   "5815652"   "5838918"   "5872931"   "5887171"   "5901286"   "5913037"   "5987135"   "6009456"   "6012152"   "6049819"   "6055562"   "6088727").PN. and statist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17
L60	7	709/223.ccls. and (manag\$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob\$3) same (recover\$3 or restor\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L61	5	709/223.ccls. and (manag\$6) same (nodes) near5 (network or WAN or LAN) same (agent or probes) same (recover\$3 or restor\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L62	40	(agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (status or detect\$3) with (fault or recover\$2)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L63	12190	(agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (manag\$5 or control \$4)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L64	128	709/223.ccls. and (agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (manag\$5 or control \$4)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L65	3	709/223.ccls. and (agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (manag\$5 or control \$4) with (fault or down\$2)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L66	39	(heartbeat) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L67	262	(messaging) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L68	90	(messaging) with (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L69	8	(messaging) with (protocol) with (status) with (node or device) with (agent or module)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L70	45	(messaging) near4 (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L71	75	(messaging) near4 (protocol) with (status or monitor \$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L72	478	(ICMP or ping) with (status or monitor \$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L73	18	(ICMP or ping) with (status) with (node or device) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L74	47	(ICMP or ping) with (status) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L75	625	(ICMP or ping) with (status) and (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L76	99	(ICMP or ping) with (status) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L77	8	(ICMP or ping) with (status) with (network) with (device or node or entit\$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L78	8	(ICMP or ping or ARP) with (status) with (network) with (device or node or entit\$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L79	245	(ICMP or ping or ARP) with (network) with (device or node or entit\$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

L80	12	(ICMP or ping or ARP) with (network) with (device or node or entit\$3) same (probe or agent) with status	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L81	127	(ICMP or ping or ARP) with (network) with (device or node or entit\$3) same (probe or agent) and status	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
L82	242	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L83	37	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L84	38	(agent) with (periodic\$3) with (status) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L85	76	(agent) with (periodic\$3) with (monitor\$3 or status or track\$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L86	8	(agent) near4 (periodic\$3) near3 (monitor\$3 or status or track\$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L87	242	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17

L88	37	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L89	100	(heartbeat) adj (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L90	73	(heartbeat) adj (protocol) and status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L91	14	(heartbeat) adj (protocol) same status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L92	24	(heartbeat) near5 (protocol) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L93	40	(heartbeat) near5 (protocol) same status and (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L94	187	(heartbeat) near5 (protocol or message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L95	165	(heartbeat) near5 (message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L96	43	(heartbeat) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
L97	63	(heartbeat or alive) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17

S1	62980	(network or WAN or LAN or node) near5 (manag\$4 or monitor\$4 or analy\$4 or recover\$3)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/09 17:15
S2	22793	(network or WAN or LAN or node) near5 (manag\$4 or monitor\$4 or analy\$4 or recover\$3) near5 (module or device or system)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:01
S3	27506	(manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:13
S4	1399	(manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point)) near5 (monitor\$4 or check or analyz\$3 or status)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:08
S5	12	(manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point)) near5 ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:17
S6	12	((manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))) near5 ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:47

S7	50	((manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))) same ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:18
S8	6	((manag\$4 or controll\$4 or administer\$4) near5 (node or junction or (end adj point))) same ((monitor\$4 or check or analyz\$3 or status) same (ping or heartbeat or (heart adj beat))) same (restor \$3 or up or reinstat \$3 or reestablish\$3)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 13:50
S9	2732	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 22:55
S10	308	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (failure or downtime or (out adj of adj service))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:00

S11	2	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze\$3 or restart or restore) same ((failure or downtime or (out adj of adj service)) near10 (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:07
S12	1	"6,072,857".pn.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:11
S13	1	"0049845"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:12
S14	0	"0049845A1"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:12
S15	4473373	maintaining membership in high availability systems . ti.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:13
S16	0	"maintaining membership in high availability systems" .ti.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:14
S17	100	sreenivasan.in.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:16
S18	24	sreenivasan.in. and maintaining	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:17
S19	1	"recovery modula"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:48
S20	547	"recovery module"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:48
S21	44	"recovery module" same rout\$4	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:49
S22	2	"recovery module" same rout\$4 same node	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:49



S23	58	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 22:59
S24	3	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (failed or down\$2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:42
S25	6	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (migrate\$3 or switch\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 23:00
S26	3	709/223.ccls. and ((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize\$3 or restart or restore) same (migrate\$3 or transfer\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 23:01

S27	81	((manag\$4 or controll\$4 or administer\$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze\$3 or restart or restore) same (failed or down\$2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:49
S28	2967	(manag\$4 or controll\$4 or administer\$4) near4 (monitor\$3) near3 (status)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:52
S29	2606	(monitor\$3) near3 (status) near2 (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:53
S30	201	(monitor\$3) near3 (status) near2 (node or device) same (fail\$2 or down)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:54
S31	0	(monitor\$3) near3 (status) near2 (node or device) same (fail\$2 or down) near5 (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:55
S32	10	(monitor\$3) near3 (status) near2 (node or device) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:57
S33	24	(monitor\$3) near3 (status) near9 (node or device) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:00

S34	52	(monitor\$3 or track \$3) near9 (status) near9 (node or device) same (fail \$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:12
S35	79	(monitor\$3 or track \$3) near9 (status) near9 (node or device or network) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:13
S36	11	709/223.ccls. and (monitor\$3 or track \$3) near9 (status) near9 (node or device or network) same (fail\$2 or down) same (recover\$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:20
S37	33	709/223.ccls. and (network or WAN or LAN) same (manag\$6) same (status) same (recover\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:44
S38	400	(device or system or switch or router) near5 (recover\$3) near (module\$1 or agent\$1)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:47
S39	942	(device or system or switch or router) near5 (recover\$3) near5 (module\$1 or agent\$1)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:47
S40	7	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (migrat \$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:50

S41	61	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (failed or down\$2)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:03
S42	46	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (failed or down\$2) and single	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:03
S43	56	(device or system or switch or router or node) near5 (recover\$3) near5 (module\$1 or agent \$1) same (failed or down\$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:10
S44	10	"note to node" near5 (recover\$3) near5 (module\$1 or agent\$1) same (failed or down\$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:56
S45	10	"note to node" near5 (recover\$3 or failover) near5 (module\$1 or agent \$1) same (failed or down\$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:57
S46	10902	(manag\$6) same (nodes) near5 (network or WAN or LAN)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 17:01
S47	29	(manag\$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob\$3) same (recover\$3 or restor\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:12
S48	44	("5751964").URPN.	USPAT	OR	ON	2006/01/07 17:17
S49	6	S48 and (restor\$3 or rollback)	USPAT	OR	ON	2006/01/07 17:39

S50	0	(agent or probe) near5 (migrat\$3 or transfer\$4) same ("node to node")	USPAT	OR	ON	2006/01/07 17:40
S51	57	(agent or probe) near5 (migrat\$3 or transfer\$4) near2 (node)	USPAT	OR	ON	2006/01/07 17:40
S52	14	(agent or probe) near5 (migrat\$3) near2 (node)	USPAT	OR	ON	2006/06/17 20:49
S53	4	(agent or probe) near5 (migrat\$3) near2 (node) with (fail\$2 or fault or error or recover\$3)	USPAT	OR	ON	2006/06/17 20:50
S54	24	("5113398"   "5157667"   "5321813"   "5337360"   "5355313"   "5367635"   "5572528"   "5596712"   "5623628"   "5655081"   "5692119"   "5706422"   "5815652"   "5838918"   "5872931"   "5887171"   "5901286"   "5913037"   "5987135"   "6009456"   "6012152"   "6049819"   "6055562"   "6088727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 09:21
S55	3	S54 and (successive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 20:52
S56	69556	"54" and statist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 09:20

S57	4	("5113398"   "5157667"   "5321813"   "5337360"   "5355313"   "5367635"   "5572528"   "5596712"   "5623628"   "5655081"   "5692119"   "5706422"   "5815652"   "5838918"   "5872931"   "5887171"   "5901286"   "5913037"   "5987135"   "6009456"   "6012152"   "6049819"   "6055562"   "6088727").PN. and statist\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 09:21
S58	2	709/223.ccls. and (manag\$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob\$3) same (recover\$3 or restor\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:13
S59	1	709/223.ccls. and (manag\$6) same (nodes) near5 (network or WAN or LAN) same (agent or probes) same (recover\$3 or restor\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:13
S60	26	(agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (status or detect\$3) with (fault or recover\$2)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:16
S62	5490	(agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (manag\$5 or control \$4)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:17

S63	47	709/223.ccls. and (agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (manag\$5 or control \$4)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:17
S64	2	709/223.ccls. and (agent\$1 or probe \$1 or module\$1) with ( migrat\$4 or mobile) with (manag\$5 or control \$4) with (fault or down\$2)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:28
S65	12	(heartbeat) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:39
S66	133	(messaging) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:40
S67	42	(messaging) with (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:40
S68	5	(messaging) with (protocol) with (status) with (node or device) with (agent or module)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:41
S69	20	(messaging) near4 (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:46
S70	34	(messaging) near4 (protocol) with (status or monitor \$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:07
S71	231	(ICMP or ping) with (status or monitor \$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:09
S72	11	(ICMP or ping) with (status) with (node or device) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:16
S73	25	(ICMP or ping) with (status) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:32

S74	303	(ICMP or ping) with (status) and (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:32
S75	55	(ICMP or ping) with (status) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:33
S76	6	(ICMP or ping) with (status) with (network) with (device or node or entit\$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:34
S77	6	(ICMP or ping or ARP) with (status) with (network) with (device or node or entit\$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:34
S78	142	(ICMP or ping or ARP) with (network) with (device or node or entit\$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:35
S79	5	(ICMP or ping or ARP) with (network) with (device or node or entit\$3) same (probe or agent) with status	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:34
S80	77	(ICMP or ping or ARP) with (network) with (device or node or entit\$3) same (probe or agent) and status	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:35
S81	148	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:17
S82	17	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:17



S83	19	(agent) with (periodic\$3) with (status) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 18:05
S84	49	(agent) with (periodic\$3) with (monitor\$3 or status or track\$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 18:07
S85	4	(agent) near4 (periodic\$3) near3 (monitor\$3 or status or track\$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 18:06
S86	165	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:24
S87	20	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S88	75	(heartbeat) adj (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S89	56	(heartbeat) adj (protocol) and status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S90	8	(heartbeat) adj (protocol) same status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S91	24	(heartbeat) near5 (protocol) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:03

S92	36	(heartbeat) near5 (protocol) same status and (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:08
S93	175	(heartbeat) near5 (protocol or message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:08
S94	153	(heartbeat) near5 (message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:08
S95	36	(heartbeat) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:09
S96	54	(heartbeat or alive) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 11:14

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